



	INTERNATIONAL SEARCH REPOR	71	int :ional Application No		
	•	PCT/GB 03/00073			
A. CLASSI	FICATION OF SUBJECT MATTER G02B3/08 B60J1/02				
146 /	G02B3/08 B60J1/02				
According to	o International Patent Classification (IPC) or to both national classifica	tion and IPC	<u> </u>		
	SEARCHED	an armhala			
IPC 7	ocumentation searched (classification system followed by classification GO2B B60J	on symbols)			
			and the standard and		
Documenta	tion searched other than minimum documentation to the extent that s	uch documents are inci	uded in the lields se	earcied	
	•				
Electronic d	lata base consulted during the international search (name of data bas	se and, where practica	l, search terms used)	
EPO-In	ternal				
C DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages		Relevant to claim No.	
- Carogory					
X	DE 616 635 C (SENDLINGER OPTISCHE GLASWERKE) 2 August 1935 (1935-08		1-24		
	the whole document	02)	•		
X	US 1 678 479 A (PATTEN ERNEST L 0	ET AL)		1-4,10,	
	24 July 1928 (1928-07-24) the whole document	12-14,23			
X	US 3 038 756 A (FOLKE HEIMER ALF)	· •		1-4,10,	
	12 June 1962 (1962-06-12)			12-14,23	
	the whole document				
Α	US 4 896 953 A (COBB JR SANFORD) 30 January 1990 (1990-01-30)		1-24		
	the whole document				
		,			
	-	-/			
		[V] 0-11	mamham a Hat	in one ov	
X Furt	her documents are listed in the continuation of box C.	X Patent family	members are listed	ин алпех,	
Special ca	ategories of cited documents:	*T* later document pul			
consid	ent defining the general state of the art which is not dered to be of particular relevance		id not in conflict with and the principle or the		
filing o	date		ered novel or cannot	be considered to	
which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another	involve an inventi "Y" document of partic	•	cument is taken alone laimed invention	
l:	on or other special reason (as specified) tent referring to an oral disclosure, use, exhibition or	cannot be consid document is com	ered to involve an in bined with one or mo	ventive step when the ore other such docu-	
other	means ent published prior to the International filling date but			us to a person skilled	
	han the priority date claimed	*&* document membe	r of the same patent	family	
Date of the	actual completion of the international search	Date of mailing of	the international se	arch report	

Form PCT/ISA/210 (second sheet) (July 1992)

Date of the actual completion of the international search

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2

NL - 2280 HV Rijswijk

Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

Fax: (+31-70) 340-3016

11 April 2003

22/04/2003

Daffner, M

Authorized officer





C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	101748 03700073
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 972 596 A (EBELING DOROTHY J ET AL) 3 August 1976 (1976-08-03) the whole document	1-24
A	the whole document US 4 358 182 A (HAYES ROBERT B ET AL) 9 November 1982 (1982-11-09) the whole document	1-24

Form PCT/ISA/210 (continuation of second sheet) (July 1992)



INTERNATIONAL SEARCH REPORT

information on patent family members



Patent document cited in search report		Publication date	•	Patent family member(s)	Publication date
DE 616635	С	02-08-1935	NONE		
US 1678479	Α	24-07-1928	NONE		
US 3038756	Α	12-06-1962	NONE		
US 4896953	Α	30-01-1990	AU AU CA JP KR	616982 B2 3805989 A 1321714 A1 2079001 A 138766 B1	14-11-1991 08-02-1990 31-08-1993 19-03-1990 15-06-1998
US 3972596	A	03-08-1976	US DE FR GB IT JP SE US US	3809461 A 2323696 A1 2184727 A1 1418045 A 982755 B 49050951 A 390345 B 3809462 A 3826562 A	07-05-1974 29-11-1973 28-12-1973 17-12-1975 21-10-1974 17-05-1974 13-12-1976 07-05-1974 30-07-1974
US 4358182	Α	09-11 - 1982	DE EP WO	3175190 D1 0079895 A1 8204330 A1	25-09-1986 01-06-1983 09-12-1982